

Metropolitan Nashville District Energy System Administrative Manual

Table of Contents

1. General Administration and Management
 - 1.1. Organizational Structure and General Oversight
 - 1.1.1. Metro Management
 - 1.1.1.1. Executive Management
 - 1.1.1.2. Metro Liaison
 - 1.1.1.3. Project Administration
 - 1.1.1.4. DES Advisory Board
 - 1.1.2. Supervision of System Operator
 - 1.1.3. Relationship with Bond Trustee
 - 1.2. Operations Cost Accounting and Approvals
 - 1.2.1. Monthly Flow of Payments
 - 1.2.2. Review and Approval of Invoices
 - 1.2.3. Flow of Funds in Trust Accounts
 - 1.3. Managing EDS Repair, Replacement and Improvement Projects
 - 1.3.1. Identifying Projects
 - 1.3.1.1. Approval for Work
 - 1.3.1.2. Budgeting
 - 1.3.1.3. Assigning Project Numbers
 - 1.3.2. Selection of Contractors
 - 1.3.3. Management of Work
 - 1.3.3.1. Project Management
 - 1.3.3.1.1. Project Administration
 - 1.3.3.1.2. Project Engineer
 - 1.3.3.1.3. Metro Management
 - 1.3.3.2. Invoice Processing and Cost Accounting
 - 1.3.3.3. Project Acceptance and Close-out
 - 1.4. Managing Capital Projects
 - 1.4.1. Identifying Projects
 - 1.4.1.1. Approval for Work
 - 1.4.1.2. Budgeting
 - 1.4.1.3. Assigning Project Numbers
 - 1.4.2. Selection of Contractors
 - 1.4.3. Management of Work
 - 1.4.3.1. Project Management
 - 1.4.3.1.1. Project Administration
 - 1.4.3.1.2. Project Engineer
 - 1.4.3.1.3. Metro Management
 - 1.4.3.2. Invoice Processing and Cost Accounting
 - 1.4.3.3. Project Acceptance and Close-out
 - 1.5. ARFA: Natural Gas Purchasing
 - 1.6. ARMA Change Orders and Amendments

- 1.7. Records Management
 - 1.7.1. Document Distribution – General
 - 1.7.2. Document Retention – General
 - 1.7.3. Project Information Notebooks
 - 1.7.3.1. Contents
 - 1.7.3.2. Revisions
 - 1.7.3.3. Distribution
 - 1.7.4. Annual Operations Notebook
 - 1.7.4.1. Contents
 - 1.7.4.2. Revisions
 - 1.7.4.3. Distribution
- 1.8. Master Schedule
- 2. Planning and Budgeting
 - 2.1. Annual Budgeting
 - 2.1.1. Operations
 - 2.1.2. Capital Projects
 - 2.2. Sales and Marketing Plan
 - 2.3. Annual True-up
 - 2.3.1. Customer Charges
 - 2.3.2. Rev. Proc. 97-13 Compliance
 - 2.4. Long-Range Plan
- 3. Customer Matters
 - 3.1. Customer Billing
 - 3.1.1. Billing System
 - 3.1.2. Initial System Contracts
 - 3.1.2.1. Allocation of Costs
 - 3.1.2.2. Adjusting Rates and Charges
 - 3.1.2.3. Special Charges
 - 3.1.3. Additional System Customer Contracts
 - 3.1.3.1. Model Contract
 - 3.1.3.2. Adjusting Rates and Charges
 - 3.1.4. Monthly Billing Process
 - 3.1.4.1. Preparation of Invoices
 - 3.1.4.2. Review and Approval of Invoices
 - 3.1.4.3. Managing Accounts Receivable
 - 3.1.5. Annual Contract Adjustments
 - 3.1.5.1. Determining Escalation Factors
 - 3.1.5.2. Customer Billing Handbook
 - 3.1.6. Amending Customer Contracts
 - 3.1.6.1. Changes in Capacity
 - 3.1.6.2. Changes in Ownership
 - 3.2. Master Customer List

- 3.3. Customer Meetings
- 3.4. Customer Relations and Complaints
- 3.5. New Customer Sales Process
- 4. Reporting and Communications
 - 4.1. Monthly Reports
 - 4.1.1. Operations Report
 - 4.1.1.1. Production
 - 4.1.1.2. Review and Approval
 - 4.1.1.3. Distribution
 - 4.1.2. Financial Analyses
 - 4.1.2.1. Rate history Report
 - 4.1.2.2. Natural Gas Usage and Cost
 - 4.2. Quarterly Reports
 - 4.2.1. Monitoring Walk-through and Report
 - 4.2.2. Budget v. Spending Analysis
 - 4.2.3. Capital Project Status Analysis
 - 4.3. Annual Reports
 - 4.3.1. Annual Operations Report
 - 4.3.2. Bond Related Reporting
 - 4.3.2.1. Continuing Disclosure Report
 - 4.3.2.2. Trustee Reporting
 - 4.3.3. Council Reporting
 - 4.4. Monthly Meetings
 - 4.4.1. Operations Meeting
 - 4.4.2. Coordination Conference Call
 - 4.5. Annual Meeting
 - 4.6. Public Information
 - 4.6.1. Logo and Letterhead
 - 4.6.2. Signage
 - 4.6.3. Newsletters
 - 4.6.4. Web Site